

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY  
(Includes Reference to Provisional and PCT International Applications)

ATTORNEY'S DOCKET NUMBER

032287-001

As a below named inventor, I hereby declare that:  
My residence, post office address and citizenship are as stated below next to my name;  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD OF BI-DIRECTIONAL DATA TRANSMISSION OVER A TWO-WIRE LINE

the specification of which (check only one item below):

☐ is attached hereto.

☒ was filed as United States application

Number 08/981,519

on December 29, 1997

and was amended

on December 29, 1997 (if applicable).

☐ was filed as PCT international application

Number \_\_\_\_\_

on \_\_\_\_\_

and was amended under PCT Article 19

on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(e) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119:

| COUNTRY<br>(if PCT, indicate "PCT") | APPLICATION NUMBER | DATE OF FILING<br>(day, month, year) | PRIORITY CLAIMED<br>UNDER 35 U.S.C. §119 |
|-------------------------------------|--------------------|--------------------------------------|--|
| Austria                             | A 1087/95          | 26 June 1995                         | <u>X</u> Yes    ___ No                   |
|                                     |                    |                                      | ___ Yes    ___ No                        |
|                                     |                    |                                      | ___ Yes    ___ No                        |
|                                     |                    |                                      | ___ Yes    ___ No                        |
|                                     |                    |                                      | ___ Yes    ___ No                        |

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Application Number)

\_\_\_\_\_  
(Filing Date)

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONTINUED)  
(Includes Reference to Provisional and PCT International Applications)

ATTORNEY'S DOCKET NO.

032287-001

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to the patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS

STATUS (check one)

U.S. APPLICATION NUMBER

U.S. FILING DATE

PATENTED

PENDING

ABANDONED

PCT APPLICATIONS DESIGNATING THE U.S.

PCT APPLICATION NO.

PCT FILING DATE

U.S. APPLICATION NUMBERS  
ASSIGNED (if any)

PCT/AT96/00112

21 June 1996

08/981,519

X

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis  
Peter H. Smolka  
Robert S. Swecker  
Platon N. Mandros  
Benton S. Duffett, Jr.  
Joseph R. Magnone  
Norman H. Stepno  
Ronald L. Grudziecki  
Frederick G. Michaud, Jr.  
Alan E. Kopecki  
Regis E. Slutter  
Samuel C. Miller, III  
Ralph L. Freeland, Jr.

17,337  
15,913  
19,885  
22,124  
22,030  
24,239  
22,716  
24,970  
26,003  
25,813  
26,999  
27,360  
16,110

Robert G. Mukai  
George A. Hovanec, Jr.  
James A. LaBarre  
E. Joseph Gess  
R. Danny Huntington  
Eric H. Weisblatt  
James W. Peterson  
Teresa Stanek Rea  
Robert E. Krebs  
Robert M. Schulman  
William C. Rowland  
T. Gene Dillahunt  
Patrick C. Keane

28,531  
28,223  
28,632  
28,510  
27,903  
30,505  
26,057  
30,427  
25,885  
31,196  
30,888  
25,423  
32,858

Bruce J. Boggs, Jr.  
William H. Benz  
Peter K. Skiff  
Richard J. McGrath  
Matthew L. Schneider  
Michael G. Savage  
Gerald F. Swiss  
Michael J. Ure  
Charles F. Wieland III  
Bruce T. Wieder  
Todd R. Walters

32,344  
25,952  
31,917  
29,195  
32,814  
32,596  
30,113  
33,089  
33,096  
33,815  
34,040

and: Steven M. du Bois, Registration No. 35,023

Address all correspondence to:

Ronald L. Grudziecki  
BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

Address all telephone calls to: Steven M. du Bois at (703) 836-6620.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|   |  |                                     |  |
|---|--|-------------------------------------|--|
| COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONTINUED)<br>(Includes Reference to Provisional and PCT International Applications) |  | ATTORNEY'S DOCKET NO.<br>032287-001 |  |
| FULL NAME OF SOLE OR FIRST INVENTOR<br>Johann PFEIFFER 100  |  | SIGNATURE<br>Ethan Kulte            |  |
| RESIDENCE<br>Allentsteig AUSTRIA ATX  |  | DATE<br>88-03-10                    |  |
| POST OFFICE ADDRESS<br>Siedlungsstrasse 19, A-3804 Allentsteig, AUSTRIA   |  | CITIZENSHIP<br>Austria              |  |
| FULL NAME OF SECOND JOINT INVENTOR, IF ANY  |  | SIGNATURE                           |  |
| RESIDENCE   |  | DATE                                |  |
| POST OFFICE ADDRESS   |  | CITIZENSHIP                         |  |
| FULL NAME OF THIRD JOINT INVENTOR, IF ANY   |  | SIGNATURE                           |  |
| RESIDENCE   |  | DATE                                |  |
| POST OFFICE ADDRESS   |  | CITIZENSHIP                         |  |
| FULL NAME OF FOURTH JOINT INVENTOR, IF ANY  |  | SIGNATURE                           |  |
| RESIDENCE   |  | DATE                                |  |
| POST OFFICE ADDRESS   |  | CITIZENSHIP                         |  |
| FULL NAME OF FIFTH JOINT INVENTOR, IF ANY   |  | SIGNATURE                           |  |
| RESIDENCE   |  | DATE                                |  |
| POST OFFICE ADDRESS   |  | CITIZENSHIP                         |  |
| FULL NAME OF SIXTH JOINT INVENTOR, IF ANY   |  | SIGNATURE                           |  |
| RESIDENCE   |  | DATE                                |  |
| POST OFFICE ADDRESS   |  | CITIZENSHIP                         |  |
| FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY   |  | SIGNATURE                           |  |
| RESIDENCE   |  | DATE                                |  |
| POST OFFICE ADDRESS   |  | CITIZENSHIP                         |  |
| FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY  |  | SIGNATURE                           |  |
| RESIDENCE   |  | DATE                                |  |
| POST OFFICE ADDRESS   |  | CITIZENSHIP                         |  |
| FULL NAME OF NINTH JOINT INVENTOR, IF ANY   |  | SIGNATURE                           |  |
| RESIDENCE   |  | DATE                                |  |
| POST OFFICE ADDRESS   |  | CITIZENSHIP                         |  |